

CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-78. (Canceled)

79. (New) An isolated nucleic acid molecule selected from the group consisting of:

- (a) a nucleic acid molecule comprising a nucleic acid sequence that hybridizes under highly stringent conditions to a polynucleotide sequence consisting of SEQ ID NO:30;
- (b) a nucleic acid molecule comprising a nucleic acid sequence having an at least 20 contiguous nucleotide region identical to a 20 contiguous nucleotide region from SEQ NO:28 or SEQ ID NO:30; and,
- (c) a nucleic acid molecule fully complementary to the nucleic acid molecule of (a) or (b).

80. (New) The isolated nucleic acid molecule of claim 79, wherein said nucleic acid sequence is at least 95% identical to SEQ ID NO:28 or SEQ ID NO:30.

81. (New) The isolated nucleic acid molecule of claim 79, wherein said nucleic acid sequence encodes a protein that binds to an MHC molecule.

82. (New) The isolated nucleic acid molecule of claim 79, wherein said nucleic acid sequence is selected from the group consisting of SEQ NO:28 or SEQ ID NO:30.

83. (New) An isolated nucleic acid molecule selected from the group consisting of:

- (a) a nucleic acid molecule comprising a nucleic acid sequence that hybridizes under highly stringent conditions to a polynucleotide sequence encoding SEQ ID NO:29;

(b) a nucleic acid molecule comprising a nucleic acid sequence having an at least 20 contiguous nucleotide region identical to a 20 contiguous nucleotide region from a polynucleotide sequence encoding SEQ ID NO:29; and

(c) a nucleotide molecule fully complementary in sequence to the nucleic acid molecule of (a) or (b).

84. (New) The isolated nucleic acid molecule of claim 83, wherein said nucleic acid sequence encodes a protein comprising SEQ ID NO:29.

85. (New) An isolated nucleic acid molecule consisting of a nucleic acid sequence selected from the group consisting of:

(a) a nucleic acid sequence that hybridizes under highly stringent conditions to a polynucleotide molecule consisting of SEQ ID NO:30;

(b) a nucleic acid sequence having an at least 20 contiguous nucleotide region identical to a 20 contiguous nucleotide region from SEQ NO:28 or SEQ ID NO:30; and,

(c) a nucleic acid molecule comprising a nucleic acid sequence fully complementary to the nucleic acid sequence of (a) or (b).

86. (New) The isolated nucleic acid molecule of claim 85, wherein said nucleic acid sequence is at least 95% identical to SEQ ID NO:28 or SEQ ID NO:30.

87. (New) The isolated nucleic acid molecule of claim 85, wherein said nucleic acid sequence encodes a protein having a sequence at least 95% identical to SEQ ID NO:29.

88. (New) The isolated nucleic acid molecule of claim 87, wherein said nucleic acid sequence encodes a protein that binds to an MHC molecule.

89. (New) The isolated nucleic acid molecule of claim 85, wherein said nucleic acid sequence is selected from the group consisting of SEQ NO:28 or SEQ ID NO:30.

90. (New) An oligonucleotide which is a fragment of the isolated nucleic acid molecule of claim 85, wherein said fragment is between 15 and 30 nucleotides in length.

91. (New) A fragment of the isolated nucleic acid molecule of claim 85, wherein said fragment is at least 18 nucleotides in length.